index of Claims

Rejected

Allowed

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/511,216 | COENE ET AL. |
| Examiner | Art Unit |
| Peguy JeanPierre | 2819 |

| - | (Through numeral) Cancelled | | ٧ | Non-Elected | A | Appeal | | | |
|---|--------------------------------|--|---|--------------|---|----------|--|--|--|
| + | Restricted | | 1 | interference | 0 | Objected | | | |

| \$\begin{align*} \begin{align*} alig | Cla | im | Date | | | | | | | | | | Cla | ím | | Date | | | | | | | | CI | Date | | | | | | | | | |
|--|----------|------------|------------|----------|----|----|----------|----------------|----|---|-----------|----------|----------|----------|----------|-----------|--------|--------|----------|-------------------------|-------------------------|---|----|-----------------|------|----------|-----------------|----------|-----------------|----------|----------|----------|----------|----------|
| Si | | 70 | | | | | | | | | | Γ | = | | | | | | | | | | | | | | | | | | | | | |
| Si | ᅙ | <u>≅</u> . | | İ | ı | ı | 1 | 1 | ı | 1 | | 7 | • | <u>=</u> | | H | - 1 | | ı | 1 | - 1 | - | | <u> </u> | Ē | | | | | | | |] | |
| Si | 谴 | Ę | l | 1 | ı | 1 | ł | | | | | " | - | Ĕ | | | | 1 | - 1 | - 1 | - 1 | 1 | | ιĒ | Ę | | | | | | | | | l |
| S2 | | | | L | | L | | | | | Ш | | | | | | | | | 1 | | | J | | | | | | | | | | | <u></u> |
| 52 102 103 103 144 144 145 133 103 103 103 104 105 105 105 105 105 105 105 105 105 105 107 1 | | (2 | E | ļ | | | L | | | | | | | | | | | | \perp | | \perp | |] | | | | | | | | | | | |
| 4 | | 2 | ī | Γ | | | | | | | | | | | | | | | \perp | | \perp | 丄 |] | | | | | | | | | | _] | L |
| 5 | | თ | П | | | | | | | | | | | | | | | | | | $oldsymbol{\perp}$ | | | | | | | | | | | |] | |
| Section Sect | | 4 | П | L | | | | | L | \mathbf{L} | | | | | Ш | | | _ | ┙ | | | | 1 | | 104 | | | | | Ш | | | | |
| 10 | | | II. | L | L | L | L | L | L | | Ц | L | ┙ | | | Ш | _ | _ | _ | _ | 4 | | 1 | L_ | | | Щ | | Щ | | Ц | Ц | 凵 | |
| S | | | L | | L | L | L | L | ┖ | $oldsymbol{ol}}}}}}}}}}}}}$ | Ш | ╙ | _ | 56 | Ш | Ш | _ | _ | _ | _ | 4 | ᆚ_ | 1 | | 106 | | Ц | | Ш | Ш | Ш | Ц | \sqcup | |
| S | | | L | 1_ | L | ┸ | ┖ | ┖ | L | \bot | Ц | \vdash | 4 | 57 | Ш | Ц | _4 | _ | 4 | 4 | 4 | ┸ | 1 | | 107 | | | | | | \Box | Ц | _ | L. |
| 10 | | | L | L | L | L | L | 丄 | 上 | Ш | Ц | <u> </u> | 4 | | Ш | Ц | _ | _ | 4 | 4 | 4 | _ | 1 | | | | | | Ш | | Щ | Ц | _ | L. |
| 111 12 62 111 112 113 113 113 114 63 1113 114 114 114 114 114 115 115 115 115 115 115 115 115 116 117 116 117 116 117 116 117 116 117 118 118 68 1116 117 118 119 120 120 120 120 121 121 122 122 122 122 122 122 122 122 122 122 122 122 123 124 124 124 125 125 125 125 125 125 125 125 125 127 127 127 127 127 | | | L | L | ┺ | ┸ | ┖ | ┺ | ┖ | \perp | Ш | \perp | 4 | | Ш | Щ | | _ | 4 | 4 | _ | 4 | 1 | <u> </u> | 109 | | \Box | _ | Ш | Ш | Щ | _ | \dashv | \vdash |
| 12 | | | L | L | L | 1 | 1_ | ┖ | ┖ | Щ | Ш | <u> </u> | _ | | Щ | Щ | 4 | _ | 4 | 4 | 4 | \bot | 1 | \vdash | | L., | Щ | _ | Ш | Ш | Щ | Ц | _ | \vdash |
| 13 | ليسا | | L | ↓ | L | ╀ | ╄ | ↓ | ┺ | Ш | Ш | \vdash | _ | | Ш | Щ | _ | _ | _ | 4 | \bot | | ı | | | _ | Щ | _ | Ш | Щ | Ш | Ц | _ | Щ |
| 144 | ـــــا | | L | ↓_ | L | ╀ | L | ╀ | 1 | Ш | Ц | <u> </u> | _ | 62 | Щ | Ш | _ | _ | 4 | 4 | 4 | 4 | 1 | \vdash | 112 | Ш | Ш | _ | Ш | Ш | Ш | | _ | \vdash |
| 15 | \sqcup | | L | 上 | ┡ | ┺ | 1 | ↓_ | ┺ | Ш | Ц | \vdash | 4 | | Щ | Щ | | _ | - | 4 | 4 | - | 1 | | | \vdash | Щ | _ | Ш | Ш | Ш | \dashv | 4 | |
| 16 | | 14 | L | <u> </u> | ┖ | 1 | ┺ | ╄ | ┺ | ш | _ | <u> </u> | 4 | | | Н | -4 | _ | 4 | 4 | 4 | 4 | 1 | \vdash | | | \sqcup | _ | П | Н | | Щ | 4 | |
| 17 | Ь | | _ | ╄ | ┡ | + | 1 | ╄ | ↓_ | Н | Щ | \vdash | 4 | 65 | Ш | ${oxdot}$ | - | _ | 4 | 4 | 4 | 4- | 1 | | 115 | Ш | \sqcup | -4 | Ш | \vdash | Щ | \dashv | 4 | — |
| 18 | L | | L | ╄- | ╀ | ╀ | ┺ | ╀- | ╄ | Н | \dashv | \vdash | 4 | | Н | ⊢∔ | -4 | _ | \dashv | + | + | +- | 1 | — | | Н | $\vdash \vdash$ | -4 | Н | \vdash | Н | \dashv | 4 | — |
| 19 | | | L | ╄ | ┞ | ╀ | ╀- | ╄ | ╀- | ₩ | | - | 4 | | Ш | \vdash | | - | \dashv | + | + | + | 1 | <u> </u> | | Н | Н | | Ш | \vdash | | \dashv | - | _ |
| 120 | | | L | ╄ | ↓_ | ╄ | ╄ | ₩ | ١ | ₩ | - | \vdash | | 68 | Н | Н | - | - | + | + | + | ┵ | 1 | \vdash | | Н | \dashv | | Н | \vdash | Н | \dashv | \dashv | — |
| 121 | | | ┞ | ▙ | ┡ | ╄ | ┡ | ┞ | ╀ | ┰ | _ | \vdash | 4 | 99 | Щ | \vdash | | - | - | -+ | - | | 1 | Ш | | ш | - | _ | - | - | | \dashv | - | _ |
| 122 | | | ┡ | ₽- | ┡ | ╀ | ╀ | ┡ | ╄ | \vdash | \dashv | ⊢ | 4 | | Н | \vdash | | - | 4 | + | + | + | ł | \vdash | | Н | \dashv | \dashv | Н | \dashv | | - | \dashv | _ |
| 123 | | 21 | ┡ | ╄ | ╀ | ╄ | ⊢ | ┞ | ╀ | $oldsymbol{+}$ | - | \vdash | - | | Н | \dashv | 4 | -1 | -+ | + | - | | ł | \vdash | 121 | Н | Н | - | - | \dashv | | - | | _ |
| 24 74 124 25 75 125 26 76 126 27 126 126 27 127 127 28 78 128 29 79 129 30 80 130 31) 81 131 32 82 132 83 133 133 34 1 84 134 35 86 136 137 36 86 136 137 38 88 138 138 39 89 139 139 40 90 140 141 41 91 141 142 43 93 143 142 43 93 143 144 45 96 146 147 48 99 148 148 49 99 149 149 | | | ┡ | ╀╌ | ╀┈ | ╀ | ╀ | ╀ | ╄╌ | Н | \dashv | - | \dashv | | \vdash | \dashv | ᅱ | - | + | + | + | ┿ | ł | - | 122 | Н | Н | \dashv | | \dashv | | - | \dashv | - |
| 75 | | | ┡ | ╄ | ┡ | ╀ | ╁ | ╀ | ╀ | Н | Н | - | - | | Н | \dashv | - | - | + | + | + | ┿ | ł | ⊢⊣ | 123 | Н | \dashv | - | \vdash | - | - | \dashv | ┥ | _ |
| 26 76 126 27 77 127 28 78 128 29 79 129 30 80 130 31)= 81 131 32 82 132 33 83 133 34 7 84 35 85 135 36 86 136 37 87 137 38 88 138 39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 96 145 46 96 146 47 97 148 49 99 149 | | 24 | ! | ╀╌ | ⊢ | ╄ | ╁ | Ͱ | ╀ | ╀┤ | | \vdash | ┥ | 75 | Н | Н | - | -1 | + | + | + | + | ł | \vdash | 124 | Н | Н | - | \vdash | \dashv | _ | \dashv | \dashv | |
| 27 | \vdash | | 1 | ╀ | ╀╌ | ╀ | ⊢ | ⊢ | ╁ | - | \dashv | \vdash | \dashv | | Н | \dashv | ┥ | - | \dashv | ╅ | ╅ | ┿ | ١. | | 125 | Н | \vdash | - | - | \dashv | Н | \dashv | \dashv | _ |
| 28 ½ 78 29 / 80 30 / 81 31) = 81 32 ½ 82 33 - 83 34 ↑ 84 35 ↑ 85 36 ↑ 86 37 ↑ 87 38 ↑ 137 38 ↑ 88 39 ↑ 89 40 ↑ 90 41 ↑ 91 42 ↑ 92 43 ↑ 93 44 ↑ 94 44 ↑ 94 45 ↑ 95 148 ↑ 98 148 ↑ 98 148 ↑ 98 149 ◆ 99 | | 20 | 1 | ╁╌ | ⊢ | ┿ | ⊢ | ╀ | ╀╌ | ┨ | \dashv | \vdash | - | | Н | | - | ┥ | \dashv | + | + | ┿ | ł | Н | 127 | Н | \dashv | _ | | \dashv | \dashv | \dashv | ┥ | \dashv |
| 29 79 129 30 80 130 31) = 81 131 32 - 82 132 33 - 83 133 34 1 84 134 35 1 85 135 36 1 86 136 37 3 87 137 38 8 138 138 39 90 140 140 40 1 91 140 41 1 91 141 42 92 92 142 43 93 143 143 44 4 4 94 94 144 45 95 145 146 47 1 97 147 48 99 99 149 | \vdash | 20 | × | ╄ | ╀ | ╀ | ╀ | ⊢ | ╁ | ╂┥ | \dashv | - | -+ | | Н | \vdash | ╛ | ┪ | ┪ | ╅ | ╅ | ╅╌ | l | \vdash | 128 | Н | \dashv | - | - | \dashv | \dashv | ┪ | ᅥ | _ |
| 30 | - | 20 | F | 1- | ⊢ | ╄ | ┢ | ⊢ | ┢ | ╂╌┨ | \dashv | \vdash | ┪ | 70 | Н | \vdash | - | - | ╅ | + | + | + | ١. | Н | 120 | Н | \dashv | | | \dashv | \dashv | ┪ | ┪ | _ |
| Since Sinc | | 30 | K | ╁ | ┢ | ╀ | ┢ | ⊢ | ╁ | Н | \dashv | \vdash | ┪ | | \vdash | \dashv | + | ┪ | \dashv | + | ┰ | ╅ | • | Н | 130 | | \dashv | | | \dashv | \dashv | \dashv | ┪ | \dashv |
| 32 82 33) - 83 34 7 84 35 1 84 36 1 85 37 1 86 37 1 88 39 1 88 39 2 89 40 1 91 41 1 91 42 1 92 43 2 93 44 4 94 45 1 95 46 1 96 47 1 97 48 1 98 49 99 149 | | 311 | ۲ | ┪ | H | ╁╴ | ┢ | ⊢ | ╁ | Н | \dashv | <u> </u> | - | | Н | \dashv | ┪ | ┪ | \dashv | + | ╅ | +- | 1 | Н | | | \dashv | \dashv | \vdash | \dashv | \dashv | ┪ | 十 | \neg |
| 33) = 83 34 7 84 35 1 85 36 36 37 86 37 1 88 38 38 39 88 39 40 40 41 41 41 42 42 43 43 44 44 44 44 44 44 44 44 44 44 44 | | | 7 | ╁╴ | ┢ | ╆ | \vdash | \vdash | ╆ | \vdash | \dashv | - | ┪ | | \vdash | \dashv | ┪ | ┪ | 十 | 十 | 十 | + | 1 | Н | | \vdash | 1 | \dashv | \dashv | \dashv | \vdash | ┪ | \dashv | \dashv |
| 34 () 84 134 135 35 () 85 135 () 135 () 36 () 86 () 136 () 137 () 37 () 88 () 137 () 137 () 38 () 88 () 138 () 138 () 39 () 139 () 140 () 140 () 41 () 91 () 141 () 141 () 42 () 92 () 142 () 142 () 43 () 93 () 143 () 143 () 44 () 94 () 144 () 145 () 45 () 96 () 145 () 147 () 48 () 98 () 148 () 148 () 49 () 99 () 149 () 149 () | | | E | 1- | ┢ | ╁╴ | 1- | - | ┪ | Н | \dashv | \vdash | ┪ | | \vdash | \dashv | - | + | ┪ | + | + | + | 1 | Н | 133 | | \dashv | \dashv | $\vdash \vdash$ | \dashv | \vdash | | -+ | |
| 35 135 36 86 37 87 38 137 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 147 147 48 99 148 99 149 99 | \vdash | | 7 | 1 | ┢ | †- | 1- | 1 | 1- | H | \dashv | 1= | 7 | | Н | \dashv | -+ | -+ | 十 | 十 | + | + | 1 | Н | | \vdash | \dashv | ᅱ | \dashv | \dashv | \dashv | \dashv | 十 | \dashv |
| 36 37 38 136 137 137 137 137 138 138 138 138 139 139 139 139 139 140 141 141 141 141 141 141 141 141 141 142 142 142 143 143 143 144 144 144 144 145 145 145 146 147 146 147 148 148 148 148 149< | | | H | t | H | ✝ | t | Т | т | H | \dashv | | 7 | | \vdash | \dashv | _ | - | _ | \forall | \top | +- | 1 | М | 135 | | - | _ | \dashv | ┪ | \neg | ┪ | ヿ | _ |
| 37 137 38 138 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99 149 137 138 139 140 141 142 143 144 145 146 148 149 | | | H | t | H | + | t- | | 1 | Н | \dashv | \vdash | 7 | | \vdash | 一十 | ┪ | 1 | _ | 十 | + | + | i | $\vdash \vdash$ | 136 | | - | | | _ | \dashv | _ | 一 | \neg |
| 38 88 39 138 40 90 41 91 42 92 43 93 44 94 45 95 48 97 48 98 49 99 | \neg | | H | t | t | t | ✝ | 厂 | t | H | \dashv | \vdash | ┪ | | \neg | 1 | 7 | 寸 | 寸 | 十 | 十 | \top | 1 | М | | | \neg | | | \dashv | \dashv | 寸 | ┪ | \neg |
| 39 89 40 90 41 91 42 92 43 93 44 94 45 95 48 97 48 98 49 99 | \vdash | | H | T | T | 1 | 1 | t | t | M | \dashv | \vdash | ┪ | | \dashv | | 7 | 7 | 1 | 寸 | \top | 1 | 1 | М | | | \dashv | | | ┪ | \neg | 寸 | 7 | _ |
| 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 48 96 146 48 98 148 49 99 149 | \vdash | | H | t | 1 | ⇈ | 1 | Г | ⇈ | М | \dashv | | 7 | | П | 7 | 7 | 7 | 1 | 1 | + | 十 | 1 | М | | | \dashv | ╛ | | ┪ | | 寸 | ┪ | _ |
| 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 98 148 49 99 149 | | | H | T | Г | 1 | 1 | Ħ | t | П | ヿ | | ┪ | | Ħ | \dashv | 7 | 7 | 1 | 1 | 十 | _ | 1 | П | | | \dashv | | | ╗ | | 寸 | ヿ | \neg |
| 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 98 148 49 99 149 | - | | H | t | | 1 | T | T | t | Н | \dashv | | 7 | | | 7 | _ | 寸 | \dashv | 1 | + | \top | 1 | | | | \neg | | | | | 寸 | ヿ | \neg |
| 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 98 148 49 99 149 | | | H | T | Т | T | ✝ | T | 1 | П | \dashv | | 7 | | | | 7 | ┪ | \top | 1 | 十 | \top | 1 | | | | \neg | | | ┪ | \neg | 寸 | 7 | |
| 44 94 144 45 95 145 46 96 146 47 97 147 48 98 148 49 99 149 | | | IT | Т | Г | T | T | Т | T | П | \neg | | 7 | | | \dashv | ┪ | ┪ | 丁 | 7 | ┪ | T | 1 | | | | \neg | \neg | | 一 | \neg | 寸 | ┪ | |
| 45 95 145 46 96 146 47 97 147 48 98 148 49 99 149 | | | IT | T | Γ | T | | Г | | П | ╗ | | | | | \Box | 寸 | 丁 | | _1 | ▆ | 1 |] | | | | | | | | | | | |
| 46 96 146 47 97 147 48 98 148 49 99 149 | | | IT | Т | Г | Т | Г | Г | Т | П | ┑ | | ┪ | | | | 丁 | ╗ | T | 1 | | \top | 1 | | 145 | | | | | コ | | | ⇉ | |
| 47 97 147 48 98 148 49 99 149 | | | П | Г | Г | 1 | | Г | Т | П | \exists | | ╗ | | | | 丁 | ╗ | 丁 | | | \mathbf{I}^{-} |] | | | | | | | | | | | |
| 49 99 149 149 | | | | | Г | | Ī | Π | П | | | | J | | | | I | \Box | J | \Box | I | \mathbf{L} |] | | 147 | | | | | | | | \Box | |
| 49 | | | П | L | | Γ | | | | \Box | | | J | | | | ┚ | | \Box | Ι | $oldsymbol{\mathbb{T}}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | | | | | | | | ┚ | | \Box | J | |
| 50 100 150 150 | | 49 | | Г | | Γ | | | | | | | J | | | | \Box | | Ι | \Box | $oldsymbol{\mathbb{I}}$ | | | | 149 | | | \Box | | \Box | | \Box | 丁 | |
| | | | | L | | Γ | | | L | | | | | 100 | | | \Box | J | J | $oldsymbol{\mathbb{I}}$ | $oldsymbol{\mathbb{I}}$ | | | | 150 | | | | | | | \Box | \Box | |